

AMENDMENTS TO THE CLAIMS

1-16. (Cancelled)

17. (Currently Amended) A method of operating a data broadcasting system that executes a data broadcast under a client-server environment, the method comprising the steps of:

downloading, at a client device, a data service table (DST) relating to a specific application;

extracting information relating to the specific application from the DST on the client device;

downloading, at the client device and from a server, individual data sections of the specific application, based upon the extracted information;

extracting data from the downloaded individual data sections on the client device;

performing the following sequence of steps on the client device while the individual data sections are being downloaded and extracted:

extracting advertising-image related data from the DST, the advertising-image related data including an advertisement image path;

downloading, from the server, an advertisement image based on the advertisement image path and obtaining the advertisement image without configuring a module for extracting a directory object or a file object to display the advertisement image; and

displaying the ~~downloaded~~ obtained advertisement image;

cancelling the step of displaying the advertisement image after all data sections of the specific application are downloaded and extracted by the client device; and

executing the specific application on the client device.

18. (Previously Presented) The method according to claim 17, wherein
the step of downloading an advertisement image based on the advertisement image path
comprises downloading multiple advertisement images based on the advertisement image path,
and

the step of displaying the downloaded advertisement image comprises extracting and
composing a composite advertisement image from the multiple advertisement images.

19. (Previously Presented) The method according to claim 17, wherein the step of
displaying the downloaded advertisement image comprises:

displaying one of a still image and a moving image.

20. (Previously Presented) The method according to claim 17, further comprising:
displaying a video broadcast on a full screen of the client device, wherein the step of
displaying the downloaded advertisement image comprises:

displaying the downloaded advertisement image over the video broadcast on a
predetermined subset of the screen of the client device.

21. (Previously Presented) The method according to claim 17, further comprising:
displaying one of an audio broadcast and a data broadcast on a screen of the client
device, wherein the step of displaying the downloaded advertisement image comprises:

displaying the downloaded advertisement image on an a full portion of the screen of the client device.

22. (Previously Presented) The method according to claim 17, wherein the step of downloading at the client device a data service table (DST) is initiated by one of
turning on power to the client device; and
changing a channel at the client device.

23. (Currently Amended) A data broadcasting system of executing a data broadcast under a client-server environment, comprising:

- a network;
- a server; and
- a client device connected to the server via the network, wherein the client device is configured to
 - download, from the server, a data service table (DST) relating to a specific application;
 - extract information relating to the specific application from the DST;
 - download, from the server, individual data sections of the specific application, based upon the extracted information;
 - extract data from the downloaded individual data sections;
 - perform the following sequence of functions while the individual data sections are being downloaded and extracted:
 - extract advertising-image related data from the DST, the advertising-image related data including an advertisement image path;

download an advertisement image based on the advertisement image path and
obtain the advertisement image without configuring a module for extracting a directory
object or a file object to display the advertisement image; and
display the obtained advertisement image;
cancel the step of displaying the advertisement image after the all data sections of the
specific application are downloaded and extracted; and
execute the specific application.

24. (Previously Presented) The system according to claim 23, wherein the client device is
configured to

download multiple advertisement images from the advertisement image path, and
extract and compose a composite advertisement image from the multiple advertisement
images as the advertisement image.

25. (Previously Presented) The system according to claim 23, wherein the client device is
configured to display one of a still image and a moving image as the advertisement image.

26. (Previously Presented) The system according to claim 23, wherein the client device is
configured to

display a video broadcast on a full screen of the client device; and
display the downloaded advertisement image over the video broadcast on a
predetermined subset of the screen of the client device.

27. (Previously Presented) The system according to claim 23, wherein the client device is configured to

display one of an audio broadcast and a data broadcast on a screen of the client device;

and

display the downloaded advertisement image on an a full portion of the screen of the client device.

28. (Previously Presented) The system according to claim 23, wherein the client device is configured to initiate a data service table (DST) download in response to one of

turning on power at the client device; and

changing a channel at the client device.

29. (Currently Amended) A client device in a data broadcasting system of executing a data broadcast under a client-server environment, the data broadcasting system including a network and a server connected to the client device via the network, the client device being configured to

download, at the client device and from the server, a data service table (DST), relating to a specific application;

extract information relating to the specific application from the DST;

download, from the server, individual data sections of the specific application based upon the extracted information;

extract data from the downloaded individual data sections;

perform the following sequence of functions while the individual data sections are being downloaded and extracted:

extract advertising-image related data from the DST, the advertising-image related data including an advertisement image path;

download an advertisement image based on the advertisement image path and obtain the advertisement image without configuring a module for extracting a directory object or a file object to display the advertisement image; and

display the obtained advertisement image;

cancel the step of displaying the advertisement image after the all data sections of the specific application are downloaded and extracted; and

execute the specific application.

30. (Previously Presented) The client device according to claim 29, further configured to download multiple advertisement images from the advertisement image path, and extract and compose a composite advertisement image from the multiple advertisement images as the advertisement image.

31. (Previously Presented) The client device according to claim 29, further configured to display one of a still image and a moving image as the advertisement image.

32. (Previously Presented) The client device according to claim 29, further configured to display a video broadcast on a full screen of the client device; and

display the downloaded advertisement image over the video broadcast on a predetermined subset of the screen of the client device.

33. (Previously Presented) The client device according to claim 29, further configured to display one of an audio broadcast and a data broadcast on a screen of the client device;
and

display the downloaded advertisement image on an a full portion of the screen of the client device.

34. (Previously Presented) The client device according to claim 29, further configured to initiate a data service table (DST) download in response to one of
turning on power at the client device; and
changing a channel at the client device.

35. (Currently Amended) A method of processing a broadcast application in a client device in a data broadcasting system, the method comprising the steps of:

receiving, from a server, an advertisement image file and application information relating to a specific application;

determining if the application information includes advertisement information including an advertisement image path;

extracting the received advertisement image file based on the advertisement image path if the application information includes the advertisement information, and obtaining an

advertisement image without configuring a module for extracting a directory object or a file object to display the advertisement image file;

outputting ~~an~~ the obtained advertisement image ~~from the advertisement image file~~ on a screen; and

executing the specific application after the outputting step.

36. (Previously Presented) The method according to claim 35, wherein the advertisement image file includes one of a still image and a moving image.

37. (Previously Presented) The method according to claim 35, wherein the advertisement information further includes a descriptor including an advertisement image name.

38. (Previously Presented) The method according to claim 35, the step of outputting further comprising:

outputting the advertisement image after receiving a turn on signal or a channel change signal from a user.

39. (Previously Presented) The method according to claim 35, the step of outputting further comprising:

outputting an advertisement image for a predetermined time period.

40. (Previously Presented) The method according to claim 39, further comprising:

receiving a plurality of data sections of the specific application;

configuring the plurality of data sections as a module;

extracting file objects; and

providing the file objects to the application for the predetermined time period.

41-45. (Cancelled)

46. (Currently Amended) A client device in a data broadcasting system for executing a data broadcast application under a client-server environment, the data broadcasting system including a network and a server connected to the client device via the network, the client device being configured to

receive, from the server, an advertisement image file and application information relating to a specific application;

determine if the application information includes advertisement information including an advertisement image path;

extract the received advertisement image file based on the advertisement image path if the application information includes the advertisement information, and obtain an advertisement image without configuring a module for extracting a directory object or a file object to display the advertisement image file;

output ~~an~~ the obtained advertisement image ~~from the advertisement image file~~ on a screen; and

execute the specific application after the advertisement image is output.

47. (Previously Presented) The client device according to claim 46, wherein the advertisement image file includes one of a still image and a moving image.

48. (Previously Presented) The client device according to claim 46, wherein the advertisement information further includes a descriptor including an advertisement image name.

49. (Previously Presented) The client device according to claim 46, wherein the client device is configured to output the advertisement image after receiving a turn on signal or a channel change signal from a user.

50. (Previously Presented) The client device according to claim 46, wherein the client device is configured to output the advertisement image for a predetermined time period.

51. (Previously Presented) The client device according to claim 46, wherein the client device is configured to receive a plurality of data sections of the specific application, configure the plurality of data sections as a module, extract file objects, and provide the file objects to the application.

52-56. (Cancelled)

57. (Currently Amended) A method of operating a data broadcasting system that executes a data broadcast under a client-server environment, the method comprising:

receiving, at a client device, a data service table (DST) including a first type descriptor and a second type descriptor;

extracting a first information referring to the first type descriptor and extracting a second information referring to the second type descriptor;

displaying the extracted second information on a screen prior to the extracted first information;

wherein the step of extracting the first information includes

a first step of receiving a plurality of data sections referring to the first type descriptor,

a second step of configuring the plurality of data sections as a module, and

a third step of extracting file objects from the module, and

~~wherein the extracting the second information is performed by without processing at least one of the first, second, and third steps.~~

wherein the step of extracting the second information does not include at least one of receiving a plurality of data sections referring to the second type descriptor, configuring the received data sections as a module, and extracting file objects from the module.

58. (Previously Presented) The method according to claim 57, the first type descriptor is related to a specific application of the data broadcast and the second type descriptor is related to an advertisement image.

59. (Previously Presented) The method according to claim 57, the second type descriptor provides an advertisement image path.

60. (Previously Presented) The method according to claim 59, wherein
the extracting the second information comprises extracting multiple advertisement image files based on the advertisement image path, and
the displaying the second information comprises extracting and composing a composite advertisement image from the multiple advertisement image files.

61. (Previously Presented) The method according to claim 57, further comprising:
displaying a video broadcast on a full screen of the client device, wherein the displaying the extracted second information comprises displaying the extracted information over the video broadcast on a predetermined subset of the screen of the client device.

62. (Currently Amended) A client device in a data broadcasting system of executing a data broadcast under a client-server environment, the client device being configured to:

receive a data service table (DST) including a first type descriptor and a second type descriptor;

extract a first information referring to the first type descriptor and extracting a second information referring to the second type descriptor;

display the extracted second information on a screen prior to the extracted first information;

wherein the step of extracting the first information includes

a first step of receiving a plurality of data sections referring to the first type descriptor,

a second step of configuring the plurality of data sections as a module, and

a third step of extracting file objects from the module, and

~~wherein the extracting the second information is performed by without processing at least one of the first, second, and third steps.~~

wherein the step of extracting the second information does not include at least one of receiving a plurality of data sections referring to the second type descriptor, configuring the received data sections as a module, and extracting file objects from the module.

63. (Previously Presented) The client device according to claim 62, the first type descriptor is related to a specific application of the data broadcast and the second type descriptor is related to an advertisement image.

64. (Previously Presented) The client device according to claim 62, the second type descriptor provides an advertisement image path.

65. (Previously Presented) The client device according to claim 64, wherein the extracting the second information comprises extracting multiple advertisement image files based on the advertisement image path, and the displaying the second information comprises extracting and composing a composite advertisement image from the multiple advertisement image files.

66. (Previously Presented) The client device according to claim 62, wherein the client device further configured to:

display a video broadcast on a full screen of the client device, wherein the displaying the extracted second information comprises displaying the extracted information over the video broadcast on a predetermined subset of the screen of the client device.